

February 22, 2019

Ms. Marlene H. Dortch, Secretary
Federal Communications Commission
445 12th Street SW
Washington, DC 20554

Re: Notice of Ex Parte, Unlicensed Use of the 6 GHz Band,
ET Docket No. 18-295

Dear Ms. Dortch:

On February 20, 2019, a meeting scheduled at the Federal Communications Commission was converted to a conference call due to the snowy weather. Chief Julius Knapp, Ira Keltz, Ronald Repasi, Paul Murray, Michael Ha, Nicholas Oros, Jamison Prime, Aspasia Paroutsas, Bahman Badipour, Barbara Pavon and Hugh Van Tuyl of the FCC's Office of Engineering and Technology (OET) were briefed by personnel from RigNet, Inc., including Jamie Barnett, Senior Vice President for Government Services, Raul H. Magallanes, Associate General Counsel and Chief Compliance Officer, and Dr. Alexei Vederko, Manager, Global RF Engineering.

The RigNet team discussed deep concerns about the likelihood of interference with the critical communications carried on RigNet's 6 GHz backhaul network serving users, mainly on oil platforms, spread over 24,000 square miles in the Gulf of Mexico. Dr. Vederko elaborated on RigNet's Reply Comments in which several scenarios and calculations show unacceptable interference due to the structure of the network and the probably positioning of the interference sources on the same platforms and in the main lobe.

Dr. Vederko explained why Automatic Frequency Coordination would not be effective, and there was a discussion of the differences in

propagation and the reflection of RF energy, especially in the 6 GHz bands, over water.

Respectfully submitted

RIGNET, INC.

By: ///s///

Raul Magallanes, Assoc. General Counsel
Brad Eastman, General Counsel
James Arden Barnett, Jr, RDML USN (Ret)
Senior Vice President, Government Services

cc: Julius Knapp
Ira Keltz
Ron Repasi
Paul Murray
Michael Ha
Nicholas Oros
Jamison Prime
Aspasia Paroutsa
Bahman Badipour
Barbara Pavon
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